

INSPECTION REPORT

Partial XXX Complete Exploration
 Inspection Date: 04/11/2003 / Time: 8:45-11:20 AM
 Date of Last Inspection: 03/11/2003

Mine Name: Bear Canyon Mine County: Emery Permit Number: C/015/025
 Permittee and/or Operator's Name: Co-Op Mining Company
 Business Address: P.O. Box 1245, Huntington, Utah 84528
 Company Official(s): Mr. Mark Reynolds, engineer
 State Official(s): Peter Hess Federal Official(s): None
 Weather Conditions: Clear, sunny; 50's to 70's Fahrenheit
 Type of Mining Activity: Underground XXX Surface Prep Plant Other
 Existing Acreage: Permitted 3336.18 Disturbed 37.17 Regraded Seeded
 Status: Active XXX

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation Sheet)

PERMIT NUMBER: C/015/025

DATE OF INSPECTION: 04/11/2003

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The review of the reformatted mining and reclamation plan continues within the Division.

It is the permittee's intent to submit/resubmit several permitting issues which are current topics during the week of April 14th. These include an amendment to address the abandonment of a battery powered shuttle car (buried under a roof fall in the #1 Mine), as well as the response to issues relative to a soils amendment, (AM03B).

The Division will conduct an on-site visit of the surface facilities relative to the mid-term permit review for the C.W. Mining operation on April 16, 2003.

2. SIGNS AND MARKERS

The stream buffer zone sign located west of the sales/receiving/scale house is in need of replacement. Mr. Reynolds agreed to do this.

4A. HYDROLOGIC BALANCE: DIVERSIONS

The permittee has repaired the black plastic flex culvert/corrugated metal pipe designated as C-15U on the #2 Mine or Tank seam access road.

The permittee has repaired the discharge end of culvert C-5D that lies under the access road to the maintenance shop. It was suggested that a "T" post marker be installed adjacent to the outlet such that equipment operators would be made aware of the culvert location when buried by snow.

The permittee has recently performed maintenance on the ditch designated as D-7D on PLATE 7-1C (drainage ditch behind maintenance shop which routes flow from the coal storage area to sediment pond "A"). An analysis of Appendix G, page 7G-122 indicates that ditch D-7D must be capable on conveying 4.49 cfs via a minimum cross sectional area of 1.3 square feet. As observed this day, the maintained ditch has been established in a square configuration with a two-foot top and bottom width, and a two-foot depth. Thus, the maintained ditch exceeds the specifications necessary to handle the design flow. All design calculations were completed by Mr. Charles Reynolds, Utah registered professional engineer.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The permittee has initiated the construction of pond "D" at the #3 Mine portal area. Work will continue until completion of the pond, such that the necessary "as-built" drawings can be submitted. As noted in the March inspection report, it is necessary for the permittee to make and document inspections of the pond construction both during and upon completion of the work. Those certified reports must be forwarded to the Division as soon as possible after completion of the pond.

Ponds "A" and "B" were both observed to contain water this day. No problems were noted.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The permittee has implemented a catch basin at the toe of the outslope of the coal storage pad to reduce the build up of sediment in ditch D-7D, (See PLATE 7-1C and page 7-129 of the MRP). As noted in the March inspection report, Appendix 7K, page 7K-23 contains a commitment to inspect

INSPECTION REPORT
(Continuation Sheet)

PERMIT NUMBER: C/015/025

DATE OF INSPECTION: 04/11/2003

catch basins quarterly for stability, erosion, and capacity. Mr. Reynolds indicated this day that the permittee has developed the inspection report form suggested by the Division in order to document the catch basin inspections.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Mr. Reynolds indicated this day that the permittee felt it would be possible to repair the four monitoring wells (SDH-2, SDH-3, MW-114 and MW-117) that were the subject of N03-40-1-1 on or before the deadline of May 12, 2003. Monitoring of the wells will be conducted as each is repaired. As such, the Division will inspect the wells as the work is completed in order to terminate the notice of violation.

The permittee is aware that if weather conditions prohibit access to the wells prior to May 12, it will be necessary to make a written request to the Division in order to obtain a time extension beyond the first ninety-day period.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

A few cubic yards of shale/carbonaceous material were observed adjacent to the toe of the cutbank on the ESE side of the #3 Mine portal area where the shop is depicted on SURFACE FACILITIES PLATE 2-4G. This area is not permitted for temporary storage of coal mine waste. The permittee has received Division approval to place all coal mine waste in final disposal within the disturbed area of the Hiawatha permit area, C/007/011. Mr. Reynolds agreed to remove the coal waste from the pad area and dispose of it.

8. NONCOAL WASTE

The permittee has removed the tire that was observed in pond "B" during the March inspection.

The permittee has removed the derelict truck parts from the maintenance shop area; also the tires, wheels and other miscellaneous automotive/equipment parts that were in storage behind the shop have been placed in an orderly manner.

The area behind the sales/receiving/scale house has had the noncoal waste that was observed inside the stream buffer zone during the March inspection cleaned.

14. SUBSIDENCE CONTROL

The permittee has received the information necessary to complete the 2002 subsidence report from the aerial contractor. That data is being analyzed; the permittee requested an extension of time relative to the submittal of the 2002 annual report based upon the need for additional time to analyze that data.

Inspector's Signature: _____ Date: April 15, 2003
Peter Hess #46

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM
Wendell Owen, Co-Op Mining
Price Field office
O:\015025.BCN\Compliance\2003\P_0411.doc